

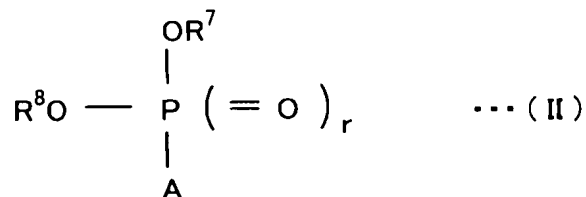
IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A lubricating oil composition consisting of ~~comprising~~:

(A) a base oil comprising 2-methyl-3-methyl-2-[(3-methylbicyclo[2.2.1] hepto-2-yl)methyl]bicyclo[2.2.1]heptane ~~at least one compound selected from the group consisting of (i) dimerized norbornanes and (ii) hydrogenated dimers, trimers and tetramers of norbornanes and/or norbornenes having a cohesive energy density at 40°C of 0.200 GPa or more~~, said base oil having a kinematic viscosity at 40°C of 5 to 150 mm²/s, and

(B) 50 to 600 ppm by mass in terms of the phosphorous content of the lubricating oil composition of an acid phosphoric ester or phosphorous ester represented by the general formula (II):



wherein r is 0 or 1; when r is 0, A is a hydroxyl group, and when r is 1, A is a hydrogen atom or a hydroxyl group; and R⁷ and R⁸ are a hydrogen atom or a hydrocarbon group having 1 to 18 carbon atoms which may have one or more thioether bonds, and at least one of R⁷ and R⁸ is a hydrocarbon group having a thioether bond, and

optionally at least one of (C), (D) and (E):

~~wherein said cohesive energy density (CED) at 40°C is calculated from the following formula (1):~~

$$\text{CED (GPa)} = 0.0204(d/\text{MW}) \cdot T \cdot \ln(2.51\eta \cdot \text{MW}) \quad (1)$$

~~wherein d is a density (g/cm³) at 40°C; MW is a molecular weight (g/mol); T is an absolute temperature (K); and η is a kinematic viscosity (mm²/s) at 40°C~~

(C) at least one compound selected from the group consisting of phosphoric esters, amine salts thereof, and overbased calcium sulfonate, wherein the amount of the phosphoric esters and amine salts thereof is 50 to 1500 ppm by mass in terms of the phosphorus content of the lubricating oil composition and wherein the amount of overbased calcium sulfonate is 100 to 2000 ppm by mass in terms of the calcium content of the lubricating oil composition;

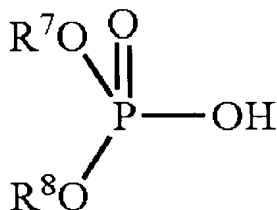
(D) at least one anti-wear agent in an amount of 100 to 5000 ppm by mass on the basis of the lubricating oil composition with the exception that the amount is 0.2 to 2.0% by mass on the basis of the lubricating oil composition for thiophosphate and thiocarbamate anti-wear agents.;

(E) at least one additive selected from the group consisting of detergent dispersants, antioxidants, corrosion inhibitors, rust preventives, defoaming agents and viscosity index improvers in an amount of 20% by mass or less on the basis of the composition.

2. (Cancelled)

3. (Cancelled)

4. (Previously Presented) A lubricating oil composition according to Claim 1, comprising an acid phosphoric ester represented by the general formula:



wherein R⁷ and R⁸ are a hydrogen atom or a hydrocarbon group having 1 to 18 carbon atoms which may have one or more thioether bonds, and at least one of R⁷ and R⁸ is a hydrocarbon group having a thioether bond.

5. (Cancelled)

6. (Currently Amended) A lubricating oil composition for continuously variable transmission according to claim 11, wherein said ~~composition comprises~~ overbased calcium sulfonate ~~having~~ has a base value of 50 to 700 mg KOH/g.

7. (Currently Amended) A lubricating oil composition according to claim 1, ~~further comprising (D)~~ wherein a sulfur containing anti-wear agent is present.

8. (Previously Presented) A lubricating oil composition according to claim 1, wherein said lubricating oil composition is a lubricating oil composition for a metallic belt type continuously variable transmission.

9. (Previously Presented) A lubricating oil composition according to claim 1, wherein said lubricating oil composition is a lubricating oil composition for a chain type continuously variable transmission.

10. (Previously Presented) A lubricating oil composition according to claim 1, wherein said lubricating oil composition is a lubricating oil composition for a traction drive type continuously variable transmission.

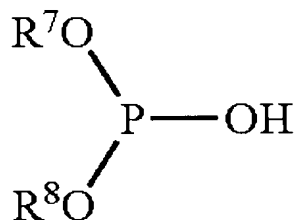
11. (Currently Amended) A lubricating oil composition according to claim 1, wherein ~~said composition further comprises~~ an overbased calcium sulfonate is present.

12. (Previously Presented) A lubricating oil composition according to claim 1, wherein said lubricating oil composition is a lubricating oil composition for a continuously variable transmission.

13. (Cancelled)

14. (Cancelled)

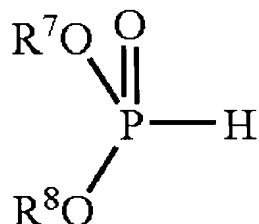
15. (Previously Presented) A lubricating oil composition according to Claim 1, comprising a phosphorous ester represented by the general formula:



wherein R^7 and R^8 are a hydrogen atom or a hydrocarbon group having 1 to 18 carbon atoms which may have one or more thioether bonds, and at least one of R^7 and R^8 is a hydrocarbon group having a thioether bond.

16. (Cancelled)

17. (Previously Presented) A lubricating oil composition according to Claim 1, comprising a phosphorous ester represented by the general formula:



wherein R^7 and R^8 are a hydrogen atom or a hydrocarbon group having 1 to 18 carbon atoms which may have one or more thioether bonds, and at least one of R^7 and R^8 is a hydrocarbon group having a thioether bond.

18. (Previously Presented) A lubricating oil composition according to claim 4, comprising an acid phosphoric ester selected from the group consisting of mono- and di-(hexylthioethyl)hydrogen phosphate, mono- and di-(octylthioethyl)hydrogen phosphate, mono- and di-(dodecylthioethyl)hydrogen phosphate, mono- or di-(hexadecylthioethyl)hydrogen phosphate, and mixtures thereof.

19. (New) A lubricating oil composition according to Claim 1, wherein (C) is present in said composition.

20. (New) A lubricating oil composition according to Claim 1, wherein (D) is present in said composition.

21. (New) A lubricating oil composition according to Claim 1, wherein (E) is present in said composition.

22. (New) A lubricating oil composition according to Claim 1, wherein (C), (D) and (E) are present in said composition.

23. (New) A lubricating oil composition according to Claim 1, wherein (C) and (E) are present in said composition.

24. (New) A lubricating oil composition according to Claim 1, wherein (D) and (E) are present in said composition.

25. (New) A lubricating oil composition according to Claim 1, wherein (C) and (D) are present in said composition.

26. (New) A lubricating oil composition according to Claim 1, wherein the base oil consists of 2-methyl-3-methyl-2-[(3-methylbicyclo[2.2.1] hepto-2-yl)methyl]bicyclo[2.2.1]heptane.